



Sheet 7 of 11

Potential Impacts to Land-Uses and Man-made Environment:

I-81 Exit 188 to Exit 220

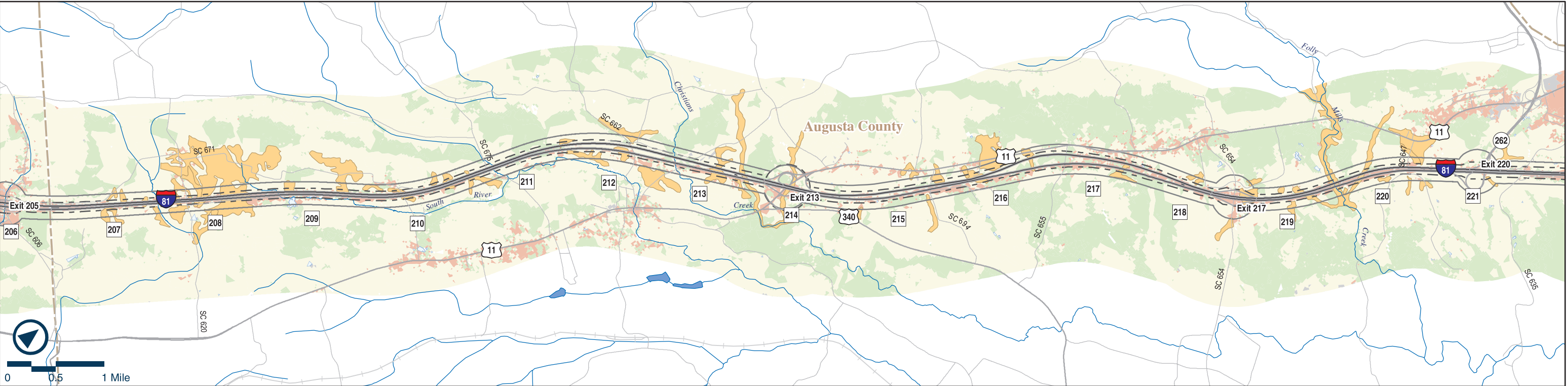
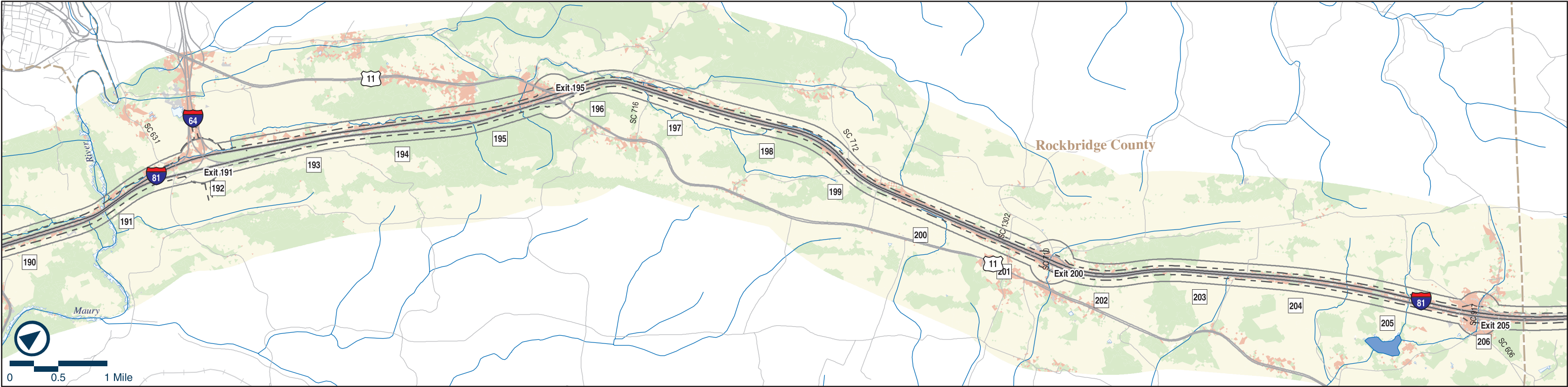


Sheet 7 of 11

I-81 Exit 188 to Exit 220

Resource	Minimum Width	Maximum Width	Add 2- Lanes	Add 8- Lanes
<b>Displacements</b>				
Residential	17	57	16	57
Business	8	24	7	25
<b>Prime Farmland</b>				
Augusta County (ac)	70.8	101	67.3	101

Total potential impacts are for I-81 only. Rail corridor potential impacts are summarized in text.  
ac=acres



Land Use

Barren

Developed

Upland Forest

Agricultural/Grassed

Agricultural/Forestral Districts

Prime Farmlands

Open-Space Easements

Parks and Recreation Areas

Limits of Maximum Width Footprint

Study Area

Colleges

Schools

Libraries

Petroleum Facilities

RCRA Sites

Toxic Release Inventory Sites

Fire and Rescue

Milepost

SC# Secondary County Road

GIS Source:

Land Use ..... LANDSAT Imagery

Agricultural/Forestral Districts ..... VDOT/Various Counties, 2003

Prime Farmlands ..... VDOT/ SSURGO data, 2002

Open-Space Easements ..... VA Outdoors Foundation, 2003

Parks and Recreation ..... Colorado State University, 2003

Colleges ..... VA Economic Development Partnership, 2002

Schools ..... VA Economic Development Partnership, 2003

Libraries ..... VDOT, 2004

Petroleum Facilities ..... VDOT/DEQ, 2003

RCRA Sites ..... VDOT, 2004

Toxic Release Inventory Sites ..... VDOT/USEPA, 2003

Fire and Rescue ..... VA Economic Development Partnership, 2002

National Park Service, 2001

City of Harrisonburg, 2004

City of Salem, 2004

Shenandoah County, 2004

Potential Impacts to  
Land Uses and  
Man-made Environment  
I-81 Corridor

Sheet 7 of 11

CORRIDOR IMPROVEMENT STUDY

Figure  
5-6



Sheet 8 of 11

Potential Impacts to Land-Uses and Man-made Environment:

I-81 Exit 220 to Exit 251



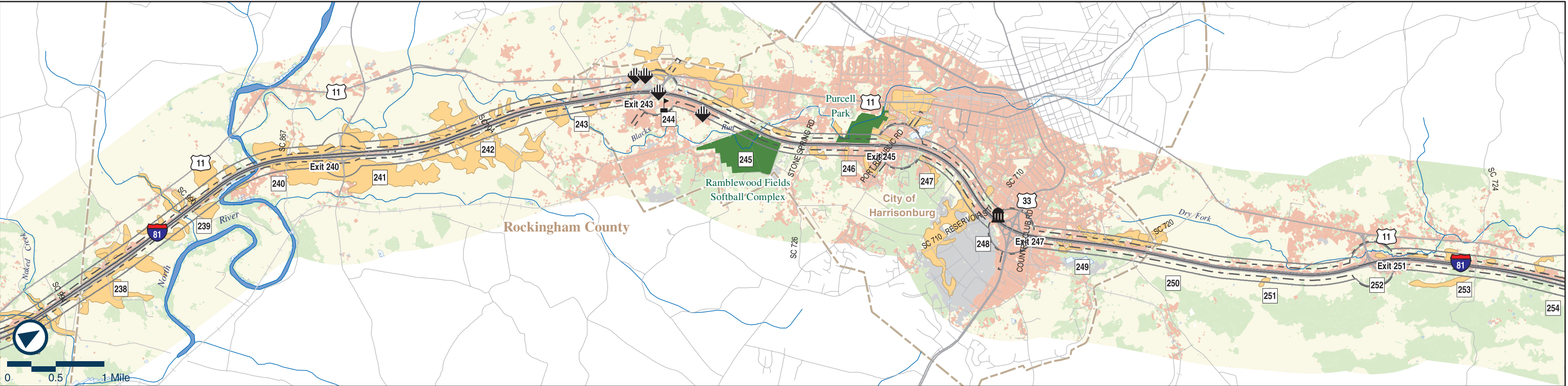
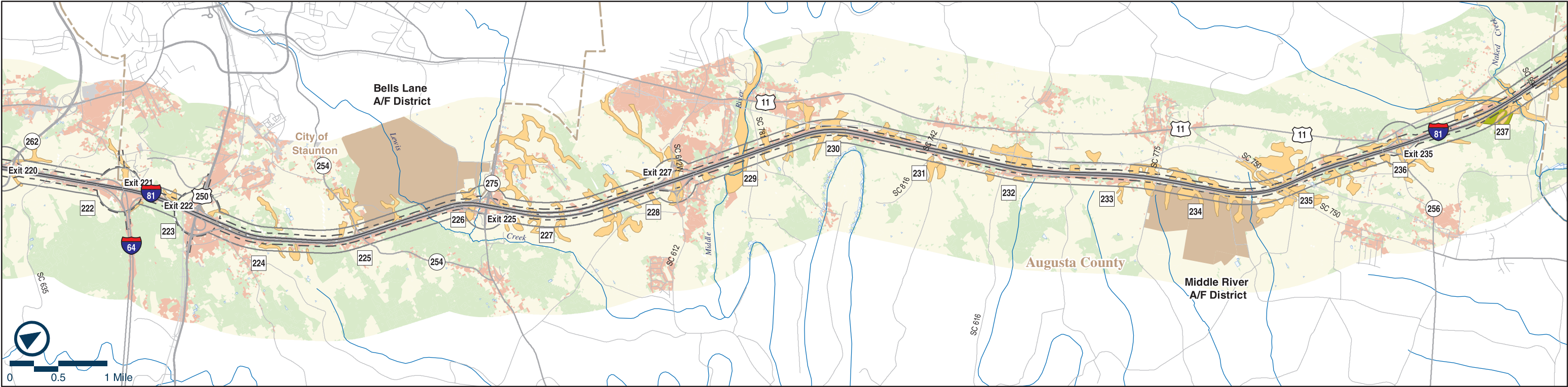
Sheet 8 of 11

I-81 Exit 220 to Exit 251

Resource	Minimum Width	Maximum Width	Add 2-Lanes	Add 8-Lanes
<b>Displacements</b>				
Residential	91	115	91	128
Business	56	71	71	74
<b>Prime Farmland</b>				
Augusta County (ac)	112	152	106	152
Rockingham County (ac)	150	208	150	208
<b>Agricultural/Forestal District</b>				
Bells Lane A / F District (ac)	2.8	9.2	2.8	9.2
Middle River A / F District (ac)	0	1.9	0	1.9
<b>Schools</b>				
Pleasant Valley Elementary School	yes	yes	yes	yes
James Madison University	yes	yes	yes	yes
<b>Hazardous Materials Sites</b>				
RCRA Sites	3	3	3	3
<b>Parks, Recreation Areas, and Open-Space Easements</b>				
Purcell Park (ac)	5.6	5.6	5.6	8.0
Ramblewood Fields/Adj. Prop. (ac)	5.5	5.5	5.5	8.5
Open Space Easement @ MP 237 (ac)	2.8	8.1	2.8	8.1

Total potential impacts are for I-81 only. Rail corridor potential impacts are summarized in text.  
ac=acres





**Land Use**

- Barren
- Developed
- Upland Forest
- Agricultural/Grassed
- Agricultural/Forestral Districts
- Prime Farmlands
- Open-Space Easements
- Parks and Recreation Areas
- Limits of Maximum Width Footprint
- Study Area

**GIS Source:**

Land Use	LANDSAT Imagery
Agricultural/Forestral Districts	VDOT/Various Counties, 2003
Prime Farmlands	VDOT/ SSURGO data, 2002
Open-Space Easements	VA Outdoors Foundation, 2003
Parks and Recreation	Colorado State University, 2003
	National Park Service, 2001
	City of Harrisonburg, 2004
	City of Salem, 2004
	Shenandoah County, 2004

**Colleges** ..... VA Economic Development Partnership, 2002

**Schools** ..... VA Economic Development Partnership, 2003

**Libraries** ..... VDOT, 2004

**Petroleum Facilities** ..... VDOT/DEQ, 2003

**RCRA Sites** ..... VDOT, 2004

**Toxic Release Inventory Sites** ..... VDOT/USEPA, 2003

**Fire and Rescue** ..... VA Economic Development Partnership, 2002



**Potential Impacts to  
Land Uses and  
Man-made Environment  
I-81 Corridor**

Sheet 8 of 11